

REMARKS

Claims 1-25 are pending in the application with Claims 1, 7, 13 and 20 being in independent form. By the present amendment, the specification has been amended to overcome the Examiner's objection and Claims 1, 7, 13 and 20 have been amended to overcome the Examiner's objection and to differentiate from prior art devices.

Applicants herein submit a declaration and oath, an assignment form and statements for adding Rizwan Ahmad Alladin, Tong-Hsaio Chang and John Joseph Fioriglio as inventors for the present application. Applicants state that omission of Rizwan Ahmad Alladin, Tong-Hsaio Chang and John Joseph Fioriglio as inventors was not intentional.

I. Rejection of Claims 1-2, 6-9, 13-16, 20-21 and 24-45 under 35 U.S.C. 102(b)

Claims 1-2, 6-9, 13-16, 20-21 and 24-25 were rejected under U.S.C. 102(b) over U.S. Patent No. 5,258,604 by Behrens et al. and issued on November 2, 1993 ("Behrens et al."). Behrens et al. describes a barcode scanner system using various interchangeable interface boards for providing an OCIA interface, an RS232 interface, an IBM RS485 interface and a wedge interface.

Behren's et al. does not disclose or suggest "at least two interfaces of the plurality of interfaces are provided on one circuit board", as recited by Applicants' Claim 1. Applicants' Claims 7, 13 and 20 recite similar subject matter. Accordingly, withdrawal of the rejection under 35 U.S.C. §102(b) with respect to Claims 1, 7, 13 and 20 and allowance thereof are respectfully requested.

Applicants' dependent Claims 2, 6; 8-9; 14-16; and 21, 24-25 depend from Claims 1, 7, 13, and 20, respectively, and therefore include the limitations of Claims 1, 7, 13 and 20. Therefore, for at least the same reasons given above for Claims 1, 7, 13 and 20, Claims 2, 6; 8-9; 14-16; and 21, 24-25 are believed to be allowable over Behrens et al. Accordingly, withdrawal of the rejection under 35 U.S.C. §102(b) with respect to Claims 1-2, 6-9, 13-16, 20-21 and 24-25 and allowance thereof are respectfully requested.

II. Rejection of Claims 3-5 under 35 U.S.C. 102(e)

Claims 3-5 were rejected under U.S.C. 102(e) over U.S. Patent No. 6,705,527 by Kelly et al., issued on March 16, 2004 ("Kelly et al."). Kelly et al. describes a universal interface driver application specific integrated circuit for a data reading device which supports multiple host interface configurations through the use of shared communications lines.

Attached is an affidavit under CFR 37 1.131 and Exhibits A and B in which the newly added inventor, Tong-Hsaio Chang, declares that he is the author of attached Exhibits A and B which illustrate a multi-interface controller having the elements claimed by Applicants' Claim 1, 7, 13 and 20. The inventor, Tong-Hsaio Chang further declares that Exhibit A is dated December 3, 1999 and Exhibit B is dated December 8, 1999, both dates antedating the priority date of Kelly et al., which was filed on June 1, 2001 and claims a priority date of June 1, 2000.

Claims 3-5 depend from Claim 1, and therefore include the limitations of Claim 1. Therefore, for at least the same reasons given above for Claim 1, Claims 3-5 are believed to be allowable over Kelly et al. Accordingly, withdrawal of the rejection under 35

U.S.C. §102(e) with respect to Claims 3-5 and allowance thereof are respectfully requested.

III. Rejection of Claims 10-12 and 17-19 under 35 U.S.C. 103(a)

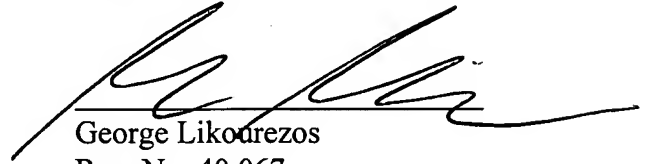
Claims 10-12 and 17-19 3-5 were rejected under 35 U.S.C. 103(a) over Behrens et al. in view of Kelly et al. Claims 10-12 and 17-19 depend from Claim 7 and Claim 13, respectively, and therefore include the limitations of Claims 7 and 13, respectively. Therefore, for at least the same reasons given above for Claims 7 and 13, Claims 10-12 and Claims 17-19 are believed to be allowable over Behrens et al and Kelly et al., alone or in combination. Accordingly, withdrawal of the rejection under 35 U.S.C. §103(a) with respect to Claims 10-12 and 17-19 and allowance thereof are respectfully requested.

IV. Conclusion

In view of the foregoing amendments and remarks, it is respectfully submitted that all claims presently pending in the application, namely, Claims 1-25, are believed to be in condition for allowance and patentably distinguishable over the art of record.

If the Examiner should have any questions concerning this communication or feels that an interview would be helpful, the Examiner is requested to call Applicants' undersigned attorney at the number indicated below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'G. Likourezos', written over a horizontal line.

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